



Features

- Accurate AC digital clamp meter for leakage current measurement
- 10 μ A high resolution on 40mA range
- Shield transformer jaws to minimize the effect of external stray magnetic field
- Large jaw with 30 mm diameter
- Five Ranges (40mA, 400mA, 4A, 40A, 100A) for all application
- A filter circuit is designed to eliminate the effect of high frequency noise and harmonics by setting the frequency selector switch at the 50Hz/60Hz position for AC current measurement
- 3-3/4" Digits LCD Display
- Fast bargraph display (20 times/sec.) for transient observation
- Max/Min and Data Hold functions
- Relative Measurement
- 600V overload protection for ohm measurement
- Easy single rotary switch for any function selection
- Auto power off
- Function: AC Current, AC voltage, Resistance and Continuity

Specifications (23°C \pm 5°C)

AC Current		Accuracy	
Range	Resolution	50Hz/60Hz	Wide (400-1kHz)
40mA	10 μ A	\pm 1.0% \pm 0.5mA	\pm 4.5% \pm 0.5mA
400mA	100 μ A	\pm 3.0% \pm 5.0mA	\pm 3.0% \pm 5.0mA
4A	1mA	\pm 4.0% \pm 0.1A	\pm 4.0% \pm 0.1A
40A	10mA	\pm 4.0% \pm 1.0A	\pm 4.0% \pm 1.0A
80A	100mA	\pm 2.5% \pm 1.0A	\pm 3.0% \pm 1.5A
80-100A ¹	100mA	\pm 5.0% \pm 1.0A	\pm 5.0% \pm 1.5A

¹Though the meter can display up to 400A, it is not calibrated beyond 100A

AC Voltage (Input Impedance:10M Ω)

Range	Resolution	50Hz/60Hz	40-1kHz	Overload Protection
400V	0.1V	\pm 1.5% \pm 2dgts	\pm 2.0% \pm 4dgts	AC 600V

Resistance (Ω) and Continuity: (Open Voltage 0.4V)

Range	Resolution	Accuracy	Beeping
40-400 Ω	0.1 Ω	\pm 1.0% \pm 2dgts	<38 Ω

AC Leakage Current Tester

multicomp PRO

Battery	: 9V Battery
Range Selection	: Manual
Overload indication	: Left most digit blinks
Power Consumption	: 10mA (Approx.)
Low battery indication	: <input type="checkbox"/> B <input type="checkbox"/>
Sampling Time	: 2 times/sec. (Display), 20 times/sec. (bargraph)
Operating Temperature	: -10°C to +50°C
Operating Humidity	: less than 85% relative
Storage Temperature	: -20°C to +60°C
Storage Humidity	: less than 75% relative
Dimension (L×W×H)	: 210mm×62mm×35.6mm
Weight	: 200g (Battery Included)
Accessories	: Carrying bag, Users manual and 9V Battery (NEDA 1604)
Warranty	: 12 Months

Part Number Table

Description	Part Number
AC Leakage Current Tester, 100A	MP780051

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